

RAW SEQUENCE LISTING  
PATENT APPLICATION **US/09/557,823** CENTER 1600/2900

RECEIVED

1644

DATE: 07/25/2000  
TIME: 02:08:06

INPUT SET: S35718.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

## SEQUENCE LISTING

## (1) General Information:

(i) APPLICANTS: Bucala, Richard J. et al.

(ii) TITLE OF INVENTION: Inhibition of Migration Inhibitory Factor in the Treat  
Cytokine-Mediated Toxicity

(iii) NUMBER OF SEQUENCES: 17

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: DAVIS WRIGHT TREMAINE LLP

(B) STREET: 2600 Century Square, 1501 Fourth Avenue

(C) CITY: Seattle

(D) STATE: WA

(E) COUNTRY: U.S.A.

(F) ZIP: 98101-1688

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: Windows95

(D) SOFTWARE: Word

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: to be assigned

(B) FILING DATE: 24 April 2000

(C) CLASSIFICATION:

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Oster, Jeffrey B.

(B) REGISTRATION NUMBER: 32,585

(C) REFERENCE/DOCKET NUMBER: 0203H

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 206 628-7711

(B) TELEFAX: 206 628-7699

## (2) INFORMATION FOR SEQ ID NO:1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 348 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

AUG 08 2000

PAGE: 2

## RAW SEQUENCE LISTING

PATENT APPLICATION US/09/557,823

DATE: 07/25/2000

TIME: 02:08:06

TECH CENTER 1600/2900

INPUT SET: S35718.raw

47 (D) TOPOLOGY: unknown  
48  
49 (ii) MOLECULE TYPE: DNA  
50  
51 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
52  
53 ATGCCTATGT TCATCGTGAA CACCAATGTT CCCC GCGCCT CCGTGCCAGA GGGGTTCCTG 60  
54  
55 TCGGAGCTCA CCCAGCAGCT GGCGCAGGCC ACCGGCAAGC CCGCACAGTA CATCGCAGTG 120  
56  
57 CACGTGGTCC CGGACCAGCT CATGACTTTT AGCGGCACGA ACGATCCCTG CGCCCTCTGC 180  
58  
59 AGCCTGCACA GCATCGGCAA GATCGGTGGT GCCCAGAACC GCAACTACAG TAAGCTGCTG 240  
60  
61 TGTGGCCTGC TGTCCGATCG CCTGCACATC AGCCCGGACC GGGTCTACAT CAACTATTAC 300  
62  
63 GACATGAACG CTGCCAACGT GGGCTGGAAC GGTTCACCT TCGCTTGA 348  
64  
65  
66 (2) INFORMATION FOR SEQ ID NO:2:  
67  
68 (i) SEQUENCE CHARACTERISTICS:  
69 (A) LENGTH: 348 base pairs  
70 (B) TYPE: nucleic acid  
71 (C) STRANDEDNESS: single  
72 (D) TOPOLOGY: unknown  
73  
74 (ii) MOLECULE TYPE: DNA  
75  
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
77  
78 ATGCCGATGT TCATCGTAAA CACCAACGTG CCCC GCGCCT CCGTGCCGGA CGGGTTCCTC 60  
79  
80 TCCGAGCTCA CCCAGCAGCT GGCGCAGGCC ACCGGCAAGC CCCCCAGTA CATCGCGGTG 120  
81  
82 CACGTGGTCC CGGACCAGCT CATGGCCTTC GGCGGCTCCA GCGAGCCGTG CGCGCTCTGC 180  
83  
84 AGCCTGCACA GCATCGGCAA GATCGGCGGC GCGCAGAACC GCTCCTACAG CAAGCTGCTG 240  
85  
86 TCGGGCCTGC TGGCCGAGCG CCTGCGCATC AGCCCGGACA GGGTCTACAT CAACTATTAC 300  
87  
88 GACATGAACG CGGCCAGTGT GGGCTGGAAC AACTCCACCT TCGCCTAA 348  
89  
90  
91 (2) INFORMATION FOR SEQ ID NO:3:  
92  
93 (i) SEQUENCE CHARACTERISTICS:  
94 (A) LENGTH: 501 base pairs  
95 (B) TYPE: nucleic acid  
96 (C) STRANDEDNESS: single  
97 (D) TOPOLOGY: unknown  
98  
99 (ii) MOLECULE TYPE: cDNA

RECEIVED

AUG 08 2000

PAGE: 3

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/557,823

DATE: 07/25/2000

TIME: 02:08:06

TECH CENTER 1600/2000

INPUT SET: S35718.raw

100  
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
102  
103 CCATGCCTAT GTTCATCGTG AACACCAATG TTCCCCGCGC CTCCGTGCCA GAGGGGTTTC 60  
104  
105 TGTCGGAGCT CACCCAGCAG CTGGCGCAGG CCACCGGCAA GCCCGCACAG TACATCGCAG 120  
106  
107 TGCACGTGGT CCCGGACCAG CTCATGACTT TTAGCGGCAC GAACGATCCC TGCGCCCTCT 180  
108  
109 GCAGCCTGCA CAGCATCGGC AAGATCGGTG GTGCCCAGAA CCGCAACTAC AGTAAGCTGC 240  
110  
111 TGTGTGGCCT GCTGTCCGAT CGCCTGCACA TCAGCCCGGA CCGCTCCTAC AGCAAGCTGC 300  
112  
113 TGTGCGGCCT GCTGGCCGAG CGCCTGCGCA TCAGCCCGGA CCGGGTCTAC ATCAACTATT 360  
114  
115 ACGACATGAA CGCTGCCAAC GTGGGCTGGA ACGGTTCAC CAGGGTCTAC ATCAACTATT 420  
116  
117 ACGACATGAA CGCGGCCAGT GTGGGCTGGA ACAACTCCAC CTTCGCTTGA GTCCTGGCCC 480  
118  
119 CACTTACCTG CACCGCTGTT C 501  
120  
121

122 (2) INFORMATION FOR SEQ ID NO:4:  
123

124 (i) SEQUENCE CHARACTERISTICS:  
125 (A) LENGTH: 115 amino acids  
126 (B) TYPE: amino acid  
127 (C) STRANDEDNESS: single  
128 (D) TOPOLOGY: unknown  
129

130 (ii) MOLECULE TYPE: peptide  
131

132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
133

134 Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro  
135 1 5 10 15  
136  
137 Glu Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly  
138 20 25 30  
139  
140 Lys Pro Ala Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met  
141 35 40 45  
142  
143 Thr Phe Ser Gly Thr Asn Asp Pro Cys Ala Leu Cys Ser Leu His Ser  
144 50 55 60  
145  
146 Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Asn Tyr Ser Lys Leu Leu  
147 65 70 75 80  
148  
149 Cys Gly Leu Leu Ser Asp Arg Leu His Ile Ser Pro Asp Arg Val Tyr  
150 85 90 95  
151  
152 Ile Asn Tyr Tyr Asp Met Asn Ala Ala Asn Val Gly Trp Asn Gly Ser

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/557,823DATE: 07/25/2000  
TIME: 02:08:07

INPUT SET: S35718.raw

153 100 105 110  
154  
155 Thr Phe Ala  
156 115  
157  
158  
159 (2) INFORMATION FOR SEQ ID NO:5:  
160  
161 (i) SEQUENCE CHARACTERISTICS:  
162 (A) LENGTH: 115 amino acids  
163 (B) TYPE: amino acid  
164 (C) STRANDEDNESS: single  
165 (D) TOPOLOGY: unknown  
166  
167 (ii) MOLECULE TYPE: peptide  
168  
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
170  
171 Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro  
172 1 5 10 15  
173  
174 Asp Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly  
175 20 25 30  
176  
177 Lys Pro Pro Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met  
178 35 40 45  
179  
180 Ala Phe Gly Gly Ser Ser Glu Pro Cys Ala Leu Cys Ser Leu His Ser  
181 50 55 60  
182  
183 Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Ser Tyr Ser Lys Leu Leu  
184 65 70 75 80  
185  
186 Cys Gly Leu Leu Ala Glu Arg Leu Arg Ile Ser Pro Asp Arg Val Tyr  
187 85 90 95  
188  
189 Ile Asn Tyr Tyr Asp Met Asn Ala Ala Asn Val Gly Trp Asn Asn Ser  
190 100 105 110  
191  
192 Thr Phe Ala  
193 115  
194  
195  
196 (2) INFORMATION FOR SEQ ID NO:6:  
197  
198 (i) SEQUENCE CHARACTERISTICS:  
199 (A) LENGTH: 9 amino acids  
200 (B) TYPE: amino acid  
201 (C) STRANDEDNESS: single  
202 (D) TOPOLOGY: unknown  
203  
204 (ii) MOLECULE TYPE: peptide  
205

RECEIVED

AUG 08 2000

PAGE: 5

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/557,823

DATE: 07/25/2000  
TIME: 02:08:07

INPUT SET: S35718.raw

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

207  
208 Ala Lys Lys Gly Ala Val Gly Gly Ile  
209 1 5  
210  
211

212 (2) INFORMATION FOR SEQ ID NO:7:

213  
214 (i) SEQUENCE CHARACTERISTICS:  
215 (A) LENGTH: 17 amino acids  
216 (B) TYPE: amino acid  
217 (C) STRANDEDNESS: single  
218 (D) TOPOLOGY: unknown  
219

220 (ii) MOLECULE TYPE: peptide

221  
222 (ix) FEATURE:  
223 (A) NAME/KEY: Peptide  
224 (B) LOCATION: 15  
225 (D) OTHER INFORMATION: /label= X  
226 /note= "X = Asn or Gly"  
227

228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

229  
230 Ile Xaa His Asn Thr Val Ala Thr Glu Ile Ser Gly Tyr Asn Xaa Ala  
231 1 5 10 15  
232  
233 Met  
234  
235

236 (2) INFORMATION FOR SEQ ID NO:8:

237  
238 (i) SEQUENCE CHARACTERISTICS:  
239 (A) LENGTH: 27 base pairs  
240 (B) TYPE: nucleic acid  
241 (C) STRANDEDNESS: single  
242 (D) TOPOLOGY: unknown  
243

244 (ii) MOLECULE TYPE: DNA

245  
246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

247  
248 CCATATGCCG ATGTTTCATCG TAAACAC  
249  
250

27

251 (2) INFORMATION FOR SEQ ID NO:9:

252  
253 (i) SEQUENCE CHARACTERISTICS:  
254 (A) LENGTH: 26 base pairs  
255 (B) TYPE: nucleic acid  
256 (C) STRANDEDNESS: single  
257 (D) TOPOLOGY: unknown  
258

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/557,823**

DATE: 07/25/2000  
TIME: 02:08:07

***INPUT SET: S35718.raw***

Line	Error	Original Text
27	Wrong application Serial Number	(A) APPLICATION NUMBER: to be assigned